TABLE 1
FIELD OBSERVATION AND VOC/PAS MITIGATION SUMMARY

Caisson Number	Date	Observation	Mitigation Measures Taken
18	2/1/2000	PID[1] readings of 250 ppm[2] were detected in stained soil with petroleum odors beginning at approx. 8 feet bgs[2]	Drilling was postponed and the soil cuttings were sprayed with water and covered with plastic sheeting. The caisson borehole was covered with plywood. Drilling of caissons 19-21 was skipped until soil assessment initiated
22	2/1/2000	No organic vapor detections were noted, but this might have been the result of the flooding of the borehole after an abandoned water line was punctured.	Since the borehole was inundated with water it was not completed beyond a depth of 12 feet bgs
25	2/3/2000	At approximately 20 feet bgs slightly stained stained soil was encountered and PID readings of 10 ppm were noted	Since the organic detections did not exceed 50ppm and the soil was not impacted until approximately 20 feet bgs, the drilling of the caissons continued at caisson 26
26	2/3/2000	At approximately 10 feet bgs stained soil was encountered and PID readings of 130 ppm were noted	Drilling was halted at 10 feet bgs, the soil cuttings were lighlty sprayed with water and covered with plastic sheeting. The completed borehole was covered with plywood
27	2/3/2000	At approximately 8 feet bgs, stained soils with petroleum odors were observed. PID readings of 400 ppm were noted	Drilling was halted, the soil cuttings were lighlty sprayed with water and covered with plastic sheeting. The completed borehole was covered with plywood. Drilling skipped to caisson 30
30	2/3/2000	At approximately 14 feet bgs stained soil was encountered. PID readings of 140 ppm were noted	Drilling was halted, the soil cuttings were lighlty sprayed with water and covered with plastic sheeting. The completed borehole was covered with plywood. Drilling skipped to caisson 32

(1) PID = photo ionization detector
(2) ppm = parts per million
(3) bgs = below ground surface

TABLE 2
SOIL SAMPLING INFORMATION AND LABORATORY ANALYTICAL RESULTS SUMMARY

SOIL SAMPLE INFORMATION				LABORATORY ANALYTICAL RESULTS (compounds only listed when detected for 8020, 8260 & 8080 analyses)																	
Sample No.	Date Collected	Sample Depth (ft. bgs.)[1]	Location Description	EPA Method / Analyte / Units	8015M TPH[2] mg/kg[3]	8015M Motor Oil mg/kg	418.1 TRPH[4] mg/kg	Carbon Chain C7 - C13[5] mg/kg	Carbon Chain C14 - C19 mg/kg	Carbon Chain C20 - C25 mg/kg	Carbon Chain C26 - C30 mg/kg	8020 Aromatics mg/kg	8260 Ethyl Benzene ug/kg[6]	8260 Isopropylbenzene ug/kg	8260 n-Propylbenzene ug/kg	8260 1,3,5-Trimethylbenzene ug/kg	8260 1,2,4-Trimethylbenzene ug/kg	8260 sec-Butylbenzene ug/kg	8260 n-Butylbenzene ug/kg	8260 Napthalene ug/kg	8080 alpha-BHC ug/kg	GC/FID Hydrocarbon Forensic Evaluation Unitless
				HBRG[12]	NE	NE	NE	NE	NE	NE	NE		7.33E+08	NE	NE	NE	NE	NE	NE	NE	3390	
				EPA Residential PRG[13]	NE[14]	NE	NE	NE	NE	NE	NE		230000	160000	140000	21000	5700	110000	140000	56000	90	
RW-1	2/1/2000	8-12	Soil cuttings from caisson 18		**80**	<20[7]	**14**	NA[8]	NA	NA	NA	<0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-S2-8	2/2/2000	8	8 ft. west of caisson 18		<5	NA	<8	<8	<8	<8	<8	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA
RW-S2-11	2/2/2000	11	8 ft. west of caisson 18		<5	NA	<8	<8	<8	<8	<8	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA
RW-S3-8	2/3/2000	8	3 ft. west of caisson 21		**630**	NA	**140**	**291**	**25.5**	**0.62**	<8	NA	**3700**	**4500**	**18000**	**1500**	**1500**	**4400**	**14000**	**31000**	NA	NA
RW-S3-11	2/3/2000	11	3 ft. west of caisson 21		**500**	NA	**32**	**39.7**	**10.2**	<8	<8	NA	**16000**	**3800**	**12000**	<1250	<1250	**1800**	**5200**	<1250	NA	NA
RW-S4	2/3/2000	8	Bore into caisson 27		**13**	NA	**100**	**31.5**	**61**	**8.6**	<8	NA	<1250	<1250	2500	<1250	<1250	<1250	<1250	<1250	**1.9**	NA
RW-S5	2/3/2000	10-14	Soil cuttings from caisson 30		<5	NA	<8	<8	<8	<8	<8	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<1	NA
FF-1	2/3/2000	8	Bore into caisson 27		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Gasoline/Naptha/Diesel mixture, Low BTEX suggests weathering & Degradation
FF-2	2/3/2000	11.5	3 ft. west of caisson 21 (from RW-S3)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	Gasoline/Naptha/Diesel mixture, Low BTEX suggests weathering & Degradation
RW-S6-11	2/7/2000	11	3 ft. west of caisson 22		<5	<20	NA	<8[9]	<8[10]	<8[11]	<8[11]	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA
RW-S7-11	2/7/2000	11	5 ft. west of caisson 31		<5	<20	NA	<8[9]	<8[10]	<8[11]	<8[11]	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA
RW-S8-8	2/7/2000	8	8 ft. west of caisson 26		<5	<20	NA	<8[9]	<8[10]	<8[11]	<8[11]	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA
RW-S8-11	2/7/2000	11	8 ft. west of caisson 26		<5	<20	NA	<8[9]	<8[10]	<8[11]	<8[11]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-S9-8	2/7/2000	8	Caisson 29 prior to drilling		**84**	<20	NA	<8[9]	<8[10]	<8[11]	<8[11]	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
RW-S10-2	2/7/2000	2	8 ft. west of caisson 21		<5	**94**	**120**	<8[9]	**0.15**[10]	<8[11]	**52**[11]	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA
RW-S11-2	2/7/2000	2	5 ft. west of caisson 29		<5	**200**	**170**	<8[9]	**2.9**[10]	<8[11]	**104**[11]	NA	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	NA	NA

Notes:

(1) ft. bgs. = feet below ground surface
(2) TPH = Total petroleum hydrocarbons, calibrated to a gasoline standard
(3) mg/kg = Milligrams per kilogram, equivalent to parts per million
(4) TRPH = Total recoverable petroleum hydrocarbons
(5) C13 = Carbon chain length of 13 in alkanes
(6) ug/kg = Mirograms per kilogram, equivalent to parts per billion
(7) <20 = Not detected at concentration listed
(8) N/A = Not analyzed
(9) Laboratory reported carbon chain range "up to and including C12"
(10) Laboratory reported carbon chain range "C13 - C-22"
(11) Laboratory reported carbon chain range "C23 and higher"
(12) HBRG = Health Based Remedial Goal, Developed for the C-6 Facility by IESI
(13) PRG = Preliminary Remedial Goal, developed by EPA Region 9 for screening purposes
(14) NE = Not Established
Bold = Concentration greater than detection limit

TABLE 3
SOLID WASTE MANAGEMENT SUMMARY

Bin Number	Non-Hazardous Waste Manifest Number	Date	Volume & Weight	Final Disposition
1-8-8009 & 1-8-002	14012-001	3/17/2000	10yds^3 / 12 tons	Classified as non-hazardous waste and transported to TPS, Inc. of Adelanto for thermal treatment and re-cycling
1-20-1050	14012-002	3/17/2000	15yds^3 / 18 tons	Classified as non-hazardous waste and transported to TPS, Inc. of Adelanto for thermal treatment and re-cycling
1-20-374	14012-003	3/17/2000	13 yds^3 / 16 tons	Classified as non-hazardous waste and transported to TPS, Inc. of Adelanto for thermal treatment and re-cycling
Totals			**38 yds^3 / 46 tons**	